

## EAST Search History

| Ref # | Hits  | Search Query                                    | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---|------------------|---------|------------------|
| L1    | 76    | iir and arma                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:11 |
| L3    | 14933 | filter near10 (reverse)                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:11 |
| L4    | 98    | filter near10 (reverse signal)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:14 |
| L5    | 763   | (forward signal) and (reverse signal)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:48 |
| L6    | 7     | L5 and iir                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:28 |
| L7    | 1972  | variable coefficient                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:17 |
| L8    | 86    | L7 and iir                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:18 |
| L12   | 91    | L5 and coefficient                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:26 |
| L13   | 22820 | (forward with signal) and (reverse with signal) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | ON      | 2007/05/02 09:28 |

## EAST Search History

|     |       |  |   |     |    |                  |
|-----|-------|--|---|-----|----|------------------|
| L14 | 287   | L13 and iir  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 09:28 |
| L15 | 193   | L14 and coefficient  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 09:28 |
| L16 | 20    | ("3370292"   "4305133"   "4317092"<br>  "4328426"   "4369499"  <br>"4569030"   "4866649"   "4984187"<br>  "5014232"   "5031132"  <br>"5117291").PN. OR ("5337264").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | ADJ | ON | 2007/05/02 09:44 |
| L17 | 1026  | (forward signal) and ((reverse or<br>backward\$1) signal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 09:49 |
| L18 | 13    | L17 and iir  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:05 |
| L19 | 4917  | iir filter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:05 |
| L20 | 10353 | iir or (infinite impulse response)<br>filter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:06 |
| L21 | 5777  | (iir or (infinite impulse response))<br>filter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:06 |
| L22 | 783   | L21 and (forward near12 signal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:07 |

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|     |     |   |   |     |    |                  |
|-----|-----|---|---|-----|----|------------------|
| L23 | 347 | L22 and reverse   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 10:07 |
| L24 | 29  | ("4158748"   "4174505"   "4217660"<br>  "4271520"   "4312074"  <br>"4442531"   "4603322"   "4608702"<br>  "4611334"   "4688232"  <br>"4710945"   "4803703"   "4821297"<br>  "4829543").PN. OR ("5182749").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | ADJ | ON | 2007/05/02 10:58 |
| L25 | 20  | ("3370292"   "4305133"   "4317092"<br>  "4328426"   "4369499"  <br>"4569030"   "4866649"   "4984187"<br>  "5014232"   "5031132"  <br>"5117291").PN. OR ("5337264").<br>URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                            | ADJ | ON | 2007/05/02 10:59 |
| S2  | 673 | 708/300.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/04 09:16 |
| S3  | 3   | 708/300.ccls. and (forward signal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/04 09:17 |
| S4  | 6   | 708/300.ccls. and autoregressive  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/04 09:21 |
| S5  | 1   | 708/300.ccls. and coefficient<br>converter  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/06 15:18 |
| S6  | 31  | 708/300.ccls. and (coefficient with<br>converter)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/01 14:53 |
| S8  | 20  | "708".clas. and arma  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/06 15:26 |
| S10 | 65  | "708".clas. and (forward signal)  | US-PGPUB;<br>USPAT                                      | ADJ | ON | 2007/04/06 15:32 |

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|-----|------|--|---|-----|----|------------------|
| S11 | 1234 | arma   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/06 15:32 |
| S12 | 52   | S11 and (forward and reverse)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/18 08:32 |
| S13 | 17   | "708".clas. and autoregressive with filter   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/07 09:47 |
| S18 | 7    | "708".clas. and iir filter and (forward signal)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/07 09:48 |
| S21 | 137  | variable passband  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/18 08:22 |
| S22 | 759  | (forward signal) and reverse signal  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/18 08:33 |
| S23 | 759  | (forward signal) and (reverse signal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/18 08:33 |
| S24 | 6    | S23 and "708".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/04/18 08:33 |
| S25 | 21   | ("4794556"   "4908787"   "4970637"   "5010507"   "5138569").PN. OR ("5325318").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                            | ADJ | ON | 2007/04/18 09:02 |
| S26 | 130  | iir and 708/300.ccls.  | US-PGPUB;<br>USPAT                                      | ADJ | ON | 2007/04/18 14:24 |
| S27 | 130  | iir and 708/300.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/01 14:03 |

## EAST Search History

|     |      |   |   |     |    |                  |
|-----|------|---|---|-----|----|------------------|
| S36 | 113  | filter with (variable passband)         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/01 14:03 |
| S37 | 4149 | filter and (coefficient with converter) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/01 14:57 |
| S38 | 240  | S37 and "708".clas.                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/01 14:54 |
| S40 | 103  | filter and (coefficient converter)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/05/02 08:50 |